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J1031 U.S. PTO

12-03-01

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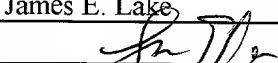
PTO/SB/05 (4/98)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</small>	Attorney Docket No. <b>MI22-1885</b>
	First Inventor or Application Identifier <b>Aftab Ahmad</b>
	Title <b>Semiconductor Transistor Devices And Methods For</b>
	Express Mail Label No. <b>EL 844053675 US</b>

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification [Total Pages <b>93</b> ] (preferred arrangement set forth below) <ul style="list-style-type: none"><li>- Descriptive title of the Invention Plus cover pg.</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to Microfiche Appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul>	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Copy</li><li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li><li>c. <input type="checkbox"/> Statement verifying identity of above copies</li></ul>
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <b>52</b> ]	<b>ACCOMPANYING APPLICATION PARTS</b> 7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney (copy) 9. <input type="checkbox"/> English Translation Document (if applicable) 10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 11. <input checked="" type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 13. <input type="checkbox"/> * Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application (PTO/SB/09-12) Status still proper and desired 14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 15. <input checked="" type="checkbox"/> Other: Letter Submitting Formal Drawings
4. Oath or Declaration [Total Pages <b>3</b> ] <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Newly executed (original or copy)</li><li>b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed)<ul style="list-style-type: none"><li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</li></ul></li></ul>	
<b>* NOTE FOR ITEMS 1 &amp; 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).</b>	

16. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:  
☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: **09/167,174**  
Prior application information: Examiner **O. Nadav** Group / Art Unit. **2811**  
For **CONTINUATION or DIVISIONAL APPS only**: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

<b>17. CORRESPONDENCE ADDRESS</b>				
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		<b>021567</b>		or <input type="checkbox"/> Correspondence address below
(Insert Customer No. or Attach bar code label here)				
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Name (Print/Type)	<b>James E. Lake</b>	Registration No. (Attorney/Agent)	<b>44,854</b>
Signature		Date	<b>29 Nov 2001</b>

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EL 844053675

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# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid See Forms PTO/SB/09-12  
See 37 CFR §§ 1.27 and 1.28

TOTAL AMOUNT OF PAYMENT	(\$) <b>740.00</b>
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## Complete if Known

Application Number	Priority 09/167,174
Filing Date	Priority October 6, 1998
First Named Inventor	Aftab Ahmad
Examiner Name	Priority O. Nadav
Group / Art Unit	Priority 2811
Attorney Docket No.	MI22-1885

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number **23-0925**

Deposit Account Name **Wells St. John, P.S.**

☒ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:  
☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	<b>740.00</b>
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) **(\$)**740.00****

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
<b>17</b>	<b>20** = 0</b>	<b>18</b>	<b>0</b>
Independent Claims	<b>3** = 0</b>	<b>80</b>	<b>0</b>
Multiple Dependent			<b>0</b>

\*\*or number previously paid, if greater, For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **(\$)**0.00****

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	<b>0.00</b>
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	<b>0.00</b>
139 130	139 130	Non-English specification	<b>0.00</b>
147 2,520	147 2,520	For filing a request for reexamination	<b>0.00</b>
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	<b>0.00</b>
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	<b>0.00</b>
115 110	215 55	Extension for reply within first month	<b>0.00</b>
116 380	216 190	Extension for reply within second month	<b>0.00</b>
117 870	217 435	Extension for reply within third month	<b>0.00</b>
118 1,360	218 680	Extension for reply within fourth month	<b>0.00</b>
128 1,850	228 925	Extension for reply within fifth month	<b>0.00</b>
119 300	219 150	Notice of Appeal	<b>0.00</b>
120 300	220 150	Filing a brief in support of an appeal	<b>0.00</b>
121 260	221 130	Request for oral hearing	<b>0.00</b>
138 1,510	138 1,510	Petition to institute a public use proceeding	<b>0.00</b>
140 110	240 55	Petition to revive - unavoidable	<b>0.00</b>
141 1,210	241 605	Petition to revive - unintentional	<b>0.00</b>
142 1,210	242 605	Utility issue fee (or reissue)	<b>0.00</b>
143 430	243 215	Design issue fee	<b>0.00</b>
144 580	244 290	Plant issue fee	<b>0.00</b>
122 130	122 130	Petitions to the Commissioner	<b>0.00</b>
123 50	123 50	Petitions related to provisional applications	<b>0.00</b>
126 240	126 240	Submission of Information Disclosure Stmt	<b>0.00</b>
581 40	581 40	Recording each patent assignment per property (times number of properties)	<b>0.00</b>
146 690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	<b>0.00</b>
149 690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	<b>0.00</b>
Other fee (specify)			<b>0.00</b>
Other fee (specify)			<b>0.00</b>

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)**0.00****

## SUBMITTED BY

Name (Print/Type)	James E. Lake	Registration No (Attorney/Agent)	44,854	Complete (if applicable)
Signature		Telephone	US-509-624-4276	Date
				29 Nov 2001

## WARNING:

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EL844053575

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Priority Application Serial No. .... 09/167,174  
Priority Filing Date ..... October 6, 1998  
Inventor..... Aftab Ahmad, et al.  
Assignee..... Micron Technology, Inc.  
Priority Group Art Unit ..... 2811  
Priority Examiner ..... O. Nadav  
Attorney's Docket No. .... MI22-1885  
Title: Semiconductor Transistor Devices and Methods for Forming Semiconductor  
Transistor Devices

Assistant Commissioner for Patents  
Washington, D. C. 20231  
Attention: Official Draftsman

**LETTER SUBMITTING FORMAL DRAWINGS**

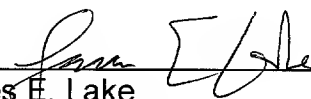
Please enter the enclosed formal drawings in the above-referenced application in place of the originally filed drawings.

The proposed changes are indicated in red on attached copies. The formal drawings incorporate the proposed changes. Acknowledgment of receipt of the formal drawing sheets and their acceptance into the file is requested.

Respectfully submitted,

Date: 29 Nov 2001

By:

  
James E. Lake  
Reg. No.: 44,854

Enclosures: Twelve (12) sheets of redline drawings and Twenty (20) sheets of formal drawings, Figs. 1-38